GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:283
ANSWERED ON:16.07.2002
IT BRAIN DRAIN
SURESH KURUP

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government are aware that a large number of young IT experts and scientists are moving out of the country;

(b) whether it is due to lack of professional avenues for them within the country;

(c) if so, whether the Government have any plan to attract them back to the country; and

(d) if so, details thereof?

Answer

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY(SHRI BACHI SINGH RAWAT)

a) to d) A statement is attached.

STATEMENT AS REFERRED IN REPLY TO PARTS a) to d) OF LOK SABHA UNSTARRED QUESTION NO. 283 FOR 16.07 REGARDING `IT BRAIN DRAIN`.

The Government is aware that some young IT experts and scientists do migrate to other countries for higher education, research, employment, etc. But, it has not been possible to measure the magnitude of exodus as quantitative figures are not available.

Several measures have been taken from time to time by the Government to minimize the outflow and also to attract them back to the country from abroad. Some of these measures are:

- Department of Information Technology has initiated Software Technology Parks to facilitate software exports.
- Setting up of more centres of excellence/advanced studies in the universities and academic institutions.
- Creation of core groups of professionals with necessary modern facilities required for pursuing research in new and frontier areas of science.
- S&T based training for entrepreneurial development.
- Increase in the outlay for science and technology sector in successive Five Year Plan.
- Creation of new scientific Departments/Organisations.
- Delegation of advanced administrative and financial powers to S&T institutions to improve working conditions of scientists.
- Manpower development training/re-training programmes through associateships/fellowships/courses.
- Provisions for temporary placement of scientists and technocrats under the scheme of scientists pool.
- Creation of supernumerary posts.
- Invitation to distinguished man and women of Indian origin settled abroad for short term technical assignments to assist in frontier and emerging areas of S&T.
- Fast Track Scheme for Young Scientists.
- Better Opportunities for Young Scientists in Chosen Areas of Science and Technology (BOYSCAST) fellowship to visit internationa laboratories and institutions.
- Swarnajayanti Fellowships.
- Contact programmes to attract and motivate brilliant young scientists to take up R&D as a career.
- Scientist are given financial assistance to participate in international conferences and training programmes abroad.
- Award of scholarship under Kishore Vaigyanik Protsahan Yojana for talented science students.
- Integrated Science Olympiad Programme to enable Indian students` participation in the International Olympiad events.

- Shyama Prasad Mukherjee Fellowships.
- Software Technology Park of India is serving software export industry countrywide with its centres located at Bangalore, Pune, Bhuvaneshwar, Hyderabad, Noida, Gandhi Nagar, Thiruvananthapuram, Chennai, Mohali, Jaipur, Mumbai, Hoogli, Coimbatore, Manipal, Mysore, Guwahati, Vizag, Kolkata, Indore, Srinagar, Aurangabad, Shimla, Nagpur, Mangalore, Lucknow, Kanpur and Bhillai etc.